

Datasheet for ABIN2782678  
**anti-NAALAD2 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NAALAD2
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Horse, Mouse, Rabbit, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAALAD2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NAALAD2
Sequence:	HYDVLLSYPN ETNANYISIV DEHETEIFKT SYLEPPPDGY ENVTNIVPPY
Predicted Reactivity:	Cow: 92%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NAALAD2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	NAALAD2
Alternative Name:	NAALAD2 ( <a href="#">NAALAD2 Products</a> )

## Target Details

Background:	<p>This gene is a member of the N-acetylated alpha-linked acidic dipeptidase (NAALADase) gene family. The representative member of this family is the gene encoding human prostate-specific membrane antigen (PSM), which is a marker of prostatic carcinomas and is the first to be shown to possess NAALADase activity. NAALADase cleaves N-acetyl-L-aspartate-L-glutamate (NAAG), which is a neuropeptide expressed both in the central nervous systems and in the periphery and is thought to function as a neurotransmitter. The product of this gene is a type II integral membrane protein. Transient transfection of this gene confers both NAALADase and dipetidyl peptidase IV activities to mammalian cells. This gene is highly expressed in ovary and testis as well as within discrete brain areas. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: GCPIII, GPCIII, NAADALASE2, NAALADASE2</p> <p>Protein Size: 283</p>
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Molecular Weight:	31 kDa
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Gene ID:	10003
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NCBI Accession:	<a href="#">NM_001300930</a> , <a href="#">NP_001287859</a>
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UniProt:	<a href="#">Q9Y3Q0</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
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aliquots to prevent freeze-thaw cycles.



**Western Blotting**

**Image 1.** Host: Rabbit Target Name: NAALAD2 Sample Type: Fetal Brain lysates Antibody Dilution: 1.0ug/ml